

C12R

PROCESSES USING MICRO-ORGANISMS

Definition statement

This place covers:

Subclass [C12R](#) covers micro-organisms which are a new natural isolate or a new mutant where the mutated gene is not known.

References

Limiting references

This place does not cover:

Algae other than micro-algae	A01G 33/00 , A01H 13/00
Plant cells	A01H
Medicinal preparations containing materials from microorganisms	A61K 35/66
Medicinal preparations containing materials from algae	A61K 36/02
Medicinal preparations containing materials from fungi	A61K 36/06
Mutant micro-organisms in which the mutation is defined	C07K 14/00 , C12N 9/00 , C12Y
Micro-organisms expressing a defined gene, according to the defined gene	C07K 14/00 , C12N 9/00 , C12Y
Viruses	C12N 7/00
Micro-organisms expressing a defined gene if an operon is expressed	C12N 15/52
Processes for the preparation of compounds or compositions using a micro-organism	C12P
Measuring or testing process involving microorganisms	C12Q 1/00
Measuring or testing process involving nucleic acid hybridization techniques for detection of microorganisms	C12Q 1/68 , C12Q 1/70
Measuring or testing process involving immunological detection of microorganisms	G01N 33/569 , G01N 33/571

Informative references

Attention is drawn to the following places, which may be of interest for search:

Micro-organisms, compositions thereof	C12N 1/00
Carrier-bound or immobilised microorganisms	C12N 11/00
Fermentation and enzyme processes for the preparation of compounds and compositions	C12P
Measuring or testing process involving microorganisms	C12Q 1/00

Special rules of classification

All information should be given a symbol: for example, if new natural isolates of *Clostridium*, *Streptococcus*, *Hansenula* and *Petromyces* are part of the invention in the application, then classification in [C12R 1/145](#), [C12R 1/46](#), [C12R 1/78](#) and [C12R 1/645](#) should be given.

Subgroup [C12R 1/91](#) is not any longer used for viruses ([C12N 7/00](#)).

Subclass [C12R](#) covers micro-organisms which are a new natural isolate or a new mutant where the mutated gene is not known. Thus subject-matter of the type "A novel isolated bacterial strain of *Gluconacetobacter oboediens* having accession number MTCC 5610, wherein the said strain being deposited at the Microbial Type Culture Collection, MTCC, Chandigarh, India a depository recognized under the Budapest Treaty" is classified under [C12R 1/02](#) only.

However when there is further characterizing information present, e.g. a method for culturing said micro-organism, such subject-matter is classified under [C12N 1/00](#)+. Thus subject-matter of the type "The strain as above, wherein it is isolated from mixed fruit residue mixed with sugar and water in the ratio of 1 to 3 : 0.1 to 0.5 : 2 to 4 respectively followed by incubating at a temperature of 25 to 35 degree C for 10 to 15 days under static culture conditions" is classified under [C12N 1/20](#).

When both types of disclosure are present then both classification symbols are allocated.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Micro-organism	includes bacteria and other generally unicellular organisms with dimensions beneath the limits of vision which can be propagated and manipulated in a laboratory, including fungi (including yeasts), micro-algae and protozoa
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